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MAY TRADENTA THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: David ELDER, et al.

Appln No.: 10/708,739

Filed: March 22, 2004

For: MULTIPLE BATTERY SWITCHING
METHOD AND APPARATUS

(as amended)

TC/AU: 2838

Examiner: Tibbits, Pia F.

Atty. Docket No.: RP-002

SUPP. INFORMATION

**DISCLOSURE STATEMENT** 

**Customer No:** 

34253

PATENT TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97 within the time specified under 37 C.F.R. § 1.97(c), before the mailing of a final action under 37 C.F. R. §1.113, a Notice of Allowance under 37 C.F. R. §1.311 or an action otherwise closing prosecution in the application. A statement under 37 C.F.R. §1.97(e) is included.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material to the patentability or that no other information exists (see 37 C.F. R. §§1.97(g) and 1.97(h)). In addition, the filing of this information disclosure statement shall not be considered as an admission against interest in any manner, Notice of January 9, 992, 1135 O.G. 13-25, at 25.

Attached is a Form PTO 1449 listing six (6) patent documents and five (5) non-patent literature documents. In order to comply with applicant's duty of disclosure under 37 C.F.R. § 1.56, the U.S. Patent and Trademark Office is notified of the documents which are listed on the attached Form PTO-1449 and which the Examiner may deem relevant to patentability of the claims of the above-identified application. Copies of the non-patent literature documents are

attached. In accordance with 37 C.F.R. § 1.98(a)(3), because the documents are in the English language, a concise explanation of the relevance of each document is not required.

(I)

The instant Information Disclosure Statement is being filed after the mailing date of a first Office action on the merits, but before receipt of an action that closes prosecution in the application. The undersigned states under 37. C.F.R. §1.97(e) that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign applications, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this information disclosure statement. Therefore, no fee is believed due at this time, however, If greater or lesser fees are required, please charge or credit Deposit Account Number 50-3461 accordingly and notify the undersigned.

In view of the above, no further translation or statement of relevance is required, and as all requirements of 37 C.F.R. § 1.97 and all official guide lines pertaining to Information

Disclosure Statements have been complied with, it is therefore respectfully requested that the Examiner consider the documents and make them of record.

DATE: Mey 4, 2016

Respectfully submitted,

Eric Weierstall

Registration No. 46, 331

1201 PENNSYLVANIA AVE, NW

**SUITE 300** 

Washington, D.C. 20004

Telephone: Facsimile:

(202) 661-4610 (202) 661-4699

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PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

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Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 2

Complete if Known				
Application Number	10/708,739			
Filing Date	3/22/2004			
First Named Inventor	ELDER, David, et al.			
Art Unit	2738			
Examiner Name	Tibbits			
Attorney Docket Number	RP-002			

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
		Number-Kind Code <sup>2 (7 known)</sup>			Figures Appear	
		<sup>US-</sup> 5,164,273	11-17-1992	Szasz et al.		
		<sup>US-</sup> 5,169,735	12-08-1992	Witehira		
•		<sup>US-</sup> 5,204,610	04-20-1993	Pierson et al.		
		<sup>US-</sup> 5,223,351	06-29-1993	Wruck		
		<sup>US-</sup> 5,767,658	06-16-1998	Hayes		
		<sup>US-</sup> 5,986,431	11-16-1999	Hayes		
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FOREIGN PATENT DOCUMENTS							
Examiner Cite Initials* No.	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear		
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			1 <sub>e</sub>	
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Signature	Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (07-05)

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INF	ORMATION	N DIS	CLOSURE	Filing Date	3/22/2004	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	ELDER, David, et al.	
				Art Unit	2738	
(Use as many sheets as necessary)			iecessary)	Examiner Name	Tibbits	
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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		HARDIN, J.E., Laboratory Testing of BNB Switch 12 Volt SLI Battery, March 1990, pp. 1-16, U.S. Dept. of Commerce, Nationsal Tech. Info. Service, Springfield, VA	
		HALVERSTON, RICHARD C., Neon Colors Jazz Up APAA Show 'Spare' Batteries Spark Interest Despite High Prices, Sept. 25, 1989, Discount Store News (via www.findarticles.com)	
		Unknown, 'Spare' Battery Prices Ease at Discounters, Jan. 29, 1990, Discount Store News (reprinted at www.findarticles.com)	
		Unknown, Tomorrow's World The Australian Initiative Early Innovations in Transport, http://apc-online.com/twa/history3.html, Associated Publishing Corporation	
		Unknown, Exide Switch featuring Pulsar Technology, July 3, 1989 (USPTO Date Stamp - cited in parent application)	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.